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OF

# ANNUAL REPORT

OF THE

## Medical Officer of Health

FOR THE YEAR 1947.

AND THE

### Isolation Hospital Annual Report

From the 1st April, 1946, to the 31st March, 1947

By THOMAS ROSS, M.B., Ch.B., D.P.H.

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**Report of the  
Chief Sanitary Inspector  
FOR THE YEAR 1947.**

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**Annual Report  
of the School Medical Officer  
FOR THE YEAR 1947.**



## BOROUGH OF SWINDON

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### COMPOSITION OF COMMITTEES AND STAFF

#### HEALTH AND WELFARE COMMITTEE

HIS WORSHIP THE MAYOR (Alderman W. J. DAVIS, J.P.)

Alderman J. BOND	Councillor Miss E. C. MILLIN
„ C. S. MACPHERSON	„ L. J. NEWMAN
„ G. H. SELMAN	„ H. W. PINNEGAR
Councillor F. E. AKERS	„ W. R. ROBINS
„ R. G. CRIPPS	„ Mrs. J. ROBINSON
„ J. S. T. FEWINGS	„ H. THORPE
„ Mrs. L. A. GRIFFIN	„ C. E. TOMES, <i>Vice-Chairman</i>
„ P. KING	„ Mrs. K. M. TOMKINS
„ A. LEONARD	„ N. V. TOZE, <i>Chairman</i>
„ Mrs. L. R. LOCK	„ M. WEBB

#### MATERNITY AND CHILD WELFARE SUB-COMMITTEE

(Consisting of all the members of the Health and Welfare Committee, and the following co-opted members) :

Mrs. W. DRAPER  
 Mrs. F. MORRIS  
 Mrs. H. A. SCHMITZ  
 Mrs. A. TONGE (Wilts C.C.)  
 Mr. J. N. BARNES (G.W.R. Medical Fund Society)

#### TOWN CLERK

D. MURRAY JOHN, Esq., O.B.E., B.A.

# **PUBLIC HEALTH STAFF**

(31st December, 1947)

<i>Position :</i>	<i>Name :</i>
Medical Officer of Health ....	THOMAS ROSS, M.B., Ch.B., D.P.H.
Deputy Medical Officer of Health	J. P. KELLY, M.B., Ch.B., D.P.H., B.A.O.
Assist. Med. Officer of Health ....	H. D. B. NORTH, M.B., Ch. B., D.P.H., L.R.C.P. and S., M.Sc., B.Sc., A.R.C.S., A.R.I.C.
Consulting Obstetrician and Gynaecologist	C. G. ROWORTH, M.D., M.R.C.O.G., M.R.C.S., L.R.C.P., M.B., B.S.
Resident Obstetrician ....	A. G. GROSSETT, M.B., Ch.B.
Consulting Ophthalmic Surgeon	O. B. PRATT, M.A., M.B., B.Ch., D.O. M.R.C.S., L.R.C.P.
Consulting Orthopaedic Surgeon	Miss M. F. FORRESTER-BROWN, M.D., M.S.
Consulting Paediatrician ....	Miss BERYL CORNER, M.D., M.R.C.P., M.R.C.S., L.R.C.P., M.B., B.S.
Consulting Ear, Nose and Throat Surgeon	A. LEIGH, F.R.C.S.
Consulting Speech Therapist ....	Miss G. A. JANSSON, Associate of the British Society of Speech Therapists
<hr/>	
Senior Sanitary Inspector ....	H. A. BANWELL
Senior Addit. Sanitary Inspector	R. A. LAW
Additional Sanitary Inspectors ....	F. R. G. SELWOOD R. E. BRIGGS A. E. WARMINGER
<hr/>	
Senior Dental Surgeon ....	W. KENYON BERRIE, L.D.S., R.F.P.S.G.
Assistant Dental Surgeons ....	G. BUIST WESTWATER, L.D.S., R.C.S. S. BARNETT, L.D.S.

Senior Health Visitor & School Nurse	Miss G. K. WHITEWAY
Health Visitors & School Nurses	Miss I. D. SAMPSON Miss A. HAWKINS Miss W. PARKINS Miss J. D. WRIGHT Mrs. L. DAY (Temporary) Mrs. B. M. LEWIS ( „ )

Social Welfare Worker	....	....	Miss A. J. ORR
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Matron, Swindon Municipal Maternity Home and Training Centre	....	....	....	Miss D. HANCOCK
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Domiciliary Midwives, Resident	Miss D. M. FOOKS Miss N. NEAL Miss J. JOHNSON
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Domiciliary Midwives, Non-Resident	....	....	....	Mrs. H. M. MORTIMORE Miss E. E. WATSON Mrs. V. K. D. ARNOLD
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Matron, Swindon Isolation Hospital	Miss F. A. SMITH
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Matron, Broad Street Nursery	....	Mrs. S. BARNES
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Matron, Pinehurst Nursery	....	Mrs. A. DAVIES, S.R.N.
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### CLERICAL STAFF

Chief Clerk	....	....	....	J. W. DAY
Senior Clerk	....	....	....	D. E. DUMMER
Assistant Clerks	....	....	....	W. H. PAUL G. BOWMAN Miss L. M. RAWLINGS Miss B. M. DAY Miss P. J. RUSSELL



**CLERICAL STAFF—cont.**

Assistant Clerks— <i>cont.</i>	....	....	Mrs. M. E. SHARPE Miss K. L. DREW Mrs. F. C. FORD (Temporary) D. E. SIMS (Temporary)
School Health Service Clerks	....	....	Miss G. NORRIS—Senior Clerk. Miss E. BARNES Miss J. DRAPER Miss J. MORSE Mrs. E. FURLEY
Dental Attendants	....	....	Miss E. HAYWARD Miss M. MILLS
<hr/>			
Needlework Demonstrator	....	....	Miss M. JOBSON
Disinfector	....	....	A. C. MOLE
Rat Catcher	....	....	S. F. WAKEFIELD
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*The following have left the Department during the year :—*

<i>Position :</i>	<i>Name :</i>
Additional Sanitary Inspector	.... E. H. HOLROYD
Senior Health Visitor and School Nurse	Mrs W. M. LUMLEY
Health Visitors & Schools Nurses	Miss E. JONES Miss R. I. SCHOLLICK
Domiciliary Midwife (Non-Resident)	.... Miss W. I. SHEPPARD
Head Clerk	.... S. MANSFIELD DEE
Assistant Clerks	.... A. M. R. JONES D. A. OWEN

## BOROUGH OF SWINDON

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**ANNUAL REPORT**  
of the  
**MEDICAL OFFICER OF HEALTH**  
For the Year 1947.

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PUBLIC HEALTH DEPARTMENT,  
CIVIC OFFICES,  
SWINDON.

*To the Mayor, Aldermen and Councillors of the  
Borough of Swindon.*

MR. MAYOR, LADIES AND GENTLEMEN,

I have the honour to present the Annual Report for the year 1947 which has been prepared on the lines suggested by the Ministry of Health Circular No. 170/47.

Consequently the Report is less full than in pre-war years but the general health statistics of the town are fully recorded, whilst comment has been reduced to a minimum.

Certain alterations occurred in the Health Department during the year. Dr. Thomas Ross took up his duties in April, 1947, otherwise no change occurred in the medical staff of the Department. On the clerical side, Mr. S. M. Dee resigned, while Mr. J. W. Day was appointed as Chief Clerk.

**Notes on Vital Statistics.**

The birth rate and general death rate for the Borough are at about the levels obtaining nationally, and whilst the Infant Mortality Rate of 22.03 per thousand live births attained in 1946 was not fully maintained, the figure of 25.62 for the year is still a most satisfactory one, having regard to the national rate of 41.

One maternal death occurred due to hyperemesis gravidarum producing a Maternal Mortality Rate of .68, compared with 1.17 for England and Wales.

The really notable statistic for 1947 relates to the still-birth rate which was 13 per thousand births, which is about half the average of recent years.

The illegitimate birth rate again declined from 8.02% in 1946 to 5.54% of total births in 1947.

80 illegitimate births occurred during the year as against 102 in 1946, and 197 in 1945. The Social Worker was successful in securing

a home for the child in 37 instances, either by means of adoption, reconciliation of the parents of the mother, subsequent marriage of the women, securing domestic posts for mother with baby or arranging fostering whilst the mother maintained the child by working.

### Death Rate.

The death rate remained at about the national level and no significant changes are to be noted in causes of death as compared with last year. Four deaths from road traffic accidents occurred in 1947 compared with nine such deaths in 1946.

### Infectious Diseases.

Diphtheria	—2 cases were notified but no death.
Scarlet Fever	—No significant change in the incidence of scarlet fever during the year, 64 cases being notified, but no deaths.
Puerperal Pyrexia	—There was a substantial drop in the number of notifications of puerperal pyrexia, 15 of which were notified in 1947 as compared with 30 in 1946. 2 only required to be admitted to Hospital. No deaths.
Whooping Cough	—66 cases were notified, 3 of which were admitted to Hospital, with 2 deaths.
Pneumonia	—57 cases were notified; 3 admitted to Hospital, with 27 deaths, which is about twice the case mortality of 1946, when there were 110 notified cases with 27 deaths.
Polio-myelitis & polio-encephalitis	—1 case of polio-encephalitis was notified and 7 cases of polio-myelitis with no deaths. This represents an incidence of 12 per 100,000 living which contrasts with 18 per 100,000 for England and Wales during 1947. Examination of the tables also reveals that of the 8 cases notified, six were in the age group 15+.

This is an experience shared with the country as a whole, bringing into prominence of the inaptness of the popular terminology of this disease, infantile paralysis.

The total number of notified infectious diseases was 593 of which 39 were admitted to hospital. The total number of deaths was 29; 27 being attributable to pneumonia and two to whooping cough.

**TUBERCULOSIS.**—There was again a decline in the number of tuberculosis cases notified during the year, but this was associated with an increase in the general death rate from all forms of tuberculosis from .38 in 1946 to .48 per thousand in 1947. There is no change to report regarding sanatorium accommodation.



**Water Supply.**

There is no material change to report in the Water Supply for the area.

38 examinations of the water supply have been carried out during the year and bacteriological examinations of the water have been satisfactory during this year.

I take this opportunity of thanking all members of my staff for their willing co-operation during the year and in particular to Dr. J. P. Kelly who has been responsible for the compilation of the Annual Report of the School Medical Officer.

I am,

Your obedient Servant,

THOMAS ROSS,

*Medical Officer of Health.*

CIVIC OFFICES,  
SWINDON.

## VITAL STATISTICS

Area of Borough .....	6062 acres
No. of Inhabited Houses .....	19206
Rateable Value .....	£462,389
Sum represented by 1d. Rate .....	£2,024
Registrar General's estimate of Population for 1947 .....	66,560
Census, 1931 .....	62,401

## BIRTHS AND DEATHS

Year	1939	1941	1942	1943	1944	1945	1946	1947
Live Births .....	848	1107	1174	1187	1409	1159	1271	1444
Rate per 1,000 pop.	14.04	15.75	17.03	17.56	21.02	17.68	19.21	21.69
Illegitimate live births	39	62	55	85	106	147	102	80
Rate per 1,000 pop.	0.66	0.87	0.80	1.26	1.58	2.24	1.54	1.20
Rate per 100 total live births .....	4.59	5.6	4.68	7.16	7.52	12.68	8.02	5.54
Births in Maternity Home .....	581	636	563	489	566	488	704	736
Deaths— .....	773	803	765	739	729	741	728	818
Rate per 1,000 pop.	12.54	11.43	11.09	10.93	10.87	11.31	11.01	12.29
Maternal Deaths:								
(1) From puerperal sepsis .....	—	—	—	1	2	—	—	—
(2) From other puerperal causes .....	1	1	3	2	3	—	2	1
Death from—								
Cancer .....	125	120	114	110	121	125	128	120
Measles .....	—	—	—	—	—	—	—	—
Whooping Cough .....	—	—	1	1	1	—	—	2
Diarrhoea (Children under 2 years)	1	4	1	5	3	—	1	2
Infant Deaths—								
Under 1 year .....	35	64	44	60	49	38	28	37
Withing 10 days of birth .....	25	26	23	28	26	19	19	16
Stillbirths .....	31	27	36	23	48	33	36	19
Infant Mortality rate per 1,000 legitimate live births	38.42	55.75	37.48	50.55	34.78	32.79	22.03	25.62
Illegitimate Death rate per 1,000 illegitimate live births .....	25.00	112.90	90.90	94.12	75.47	27.21	19.60	37.50

# STATISTICAL COMPARISONS for the Year 1947.

	Swindon.	England and Wales	126 County Boroughs and Great Towns including London	148 Smaller Towns (resident pop. 25,000-50,000 at 1931 Census)	London Administrative County
Rates per 1,000 Civilian Population					
Births :					
Live .....	21.7	20.5*	23.2	22.2	22.7
Still.....	0.29	0.50*	0.62	0.54	0.19
Deaths :					
All causes .....	12.29	12.0*	13.0	11.9	12.8
Whooping Cough .....	.03	0.02	0.03	0.02	0.02
Diphtheria.....	—	0.01	0.01	0.01	0.01
Influenza .....	.15	0.09	0.09	0.03	0.08
Measles .....	—	0.01	0.02	0.02	0.01
Rates per 1,000 live births					
Deaths under 1 year of age	25.62	41‡	47	36	37
Deaths from Diarrhoea and Enteritis, under 2 years of age .....	1.38	5.8	8.0	3.7	4.8
Rates per 1,000 Civilian Population					
Notifications :					
Typhoid Fever .....	—	.01	.01	.00	.01
Paratyphoid Fever .....	—	.01	.01	.01	.01
Cerebro Spinal Fever ....	.03	.05	.06	.05	.05
Scarlet Fever .....	1.05	1.37	1.54	1.37	1.31
Whooping Cough .....	.99	2.22	2.41	2.02	2.80
Diphtheria.....	.14	.13	.15	.14	.14
Erysipelas .....	.23	.19	.21	.18	.22
Smallpox .....	—	0.00	0.00	0.01	0.00
Measles .....	5.32	9.41	9.13	9.58	5.29
Pneumonia .....	.86	.79	.89	.68	.64
Rates per 1,000 Total Births (Live and Still)					
Notifications :					
Puerperal Fever and Pyrexia .....	10.25	7.16	8.99	6.27	6.94
Maternal Mortality :					
Puerperal Infection .....	—	0.16			
Abortion with Sepsis ....	—	0.10			
Abortion without Sepsis ..	—	0.06			
Others .....	.68	0.85			
Total .....	.68	1.17			

\*Rate per 1,000 total population

‡Rate per 1,000 related births

## CAUSES OF DEATH, 1947.

(Registrar-General's Official Returns).

CAUSES	Males	Females	Total
Typhoid and Paratyphoid fever	—	—	—
Cerebro-spinal fever	—	—	—
Scarlet Fever	—	—	—
Whooping Cough	—	2	2
Diphtheria	—	—	—
Tuberculosis of Respiratory system	17	9	26
Other forms of tuberculosis	—	6	6
Syphilitic diseases	2	—	2
Influenza	5	5	10
Measles	—	—	—
Acute polio-myelitis and polioencephalitis	—	—	—
Acute infantile encephalitis	—	—	—
Cancer of Buccal cavity, Oesophagus and Uterus	2	6	8
„ of stomach and duodenum	15	5	20
„ of breast	—	14	14
„ of all other sites	40	38	78
Diabetes	5	6	11
Intracranial vascular lesions	40	45	85
Heart disease	141	139	280
Other diseases of circulatory system	13	11	24
Bronchitis	24	15	39
Pneumonia	11	16	27
Other respiratory diseases	6	4	10
Ulcer of stomach or duodenum	6	3	9
Diarrhoea under two years	1	1	2
Appendicitis	—	4	4
Other digestive diseases	4	8	12
Nephritis	14	10	24
Puerperal and post-abortion sepsis	—	1	1
Other maternal causes	—	—	—
Premature birth	2	8	10
Congenital malformation, birth injury, infantile disease	8	4	12
Suicide	3	1	4
Road traffic accidents	—	1	1
Other violent causes	7	2	9
All other causes	49	39	88
TOTALS	415	403	818



# INFECTIOUS DISEASES.

Table showing the number of cases notified in the Borough during the year 1947.

Disease	Cases notified at various ages. (Years)						Total cases notified	No. of cases admitted to Hospital.	No. of Deaths.
	Under 1	1-3	3-5	5-10	10-15	15-25	25 and upwards		
Cerebro-spinal Fever	...	...	1	...	...	...	1	2	...
Diphtheria	...	...	2	4	1	...	2	9	...
Erysipelas	...	...	...	...	...	2	13	15	...
Measles	8	86	110	135	7	6	2	354	...
Ophthalmia Neonatorum	3	...	...	...	...	...	...	3	...
Pneumonia	7	1	4	6	1	2	36	57	27
Polioencephalitis	...	...	...	...	...	1	...	1	...
Poliomyelitis	...	1	...	1	...	1	4	7	...
Puerperal Pyrexia	...	...	...	...	...	7	8	15	...
Scarlet Fever	1	2	7	32	19	1	2	64	...
Whooping Cough	13	26	14	12	...	...	1	3	2
TOTALS	32	116	138	190	28	20	69	593	29

TABLE SHOWING MONTHLY INCIDENCE OF INFECTIOUS DISEASES NOTIFIED AND THE NUMBER OF DEATHS DURING 1947.

DISEASE.	NUMBER OF CASES.												Total	No. of Deaths.
	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		
Cerebro-spinal Fever	1	...	...	...	...	...	...	1	...	...	...	...	2	...
Diphtheria	1	...	2	1	3	1	...	1	...	...	...	...	9	...
Erysipelas	3	...	...	2	2	1	...	1	2	2	...	2	15	...
Measles	54	60	27	39	43	70	23	18	6	11	3	...	354	...
Ophthalmia Neonatorum	1	...	...	...	...	1	...	...	...	...	...	1	3	...
Pneumonia	5	9	6	2	7	2	...	4	3	6	4	9	57	27
Polioencephalitis	...	...	...	...	...	...	...	...	...	1	...	...	1	...
Poliomyelitis	...	...	...	...	...	...	...	2	4	1	...	...	7	...
Puerperal Pyrexia	3	1	2	...	2	1	...	3	1	1	1	1	15	...
Scarlet Fever	3	...	5	2	6	1	2	8	5	9	6	17	64	...
Whooping Cough	28	14	7	2	5	3	...	2	2	1	2	...	66	2
TOTALS	99	84	49	48	68	80	25	40	23	31	16	30	593	29

**BOROUGH OF SWINDON.**  
**DIPHTHERIA IMMUNISATION.**

**NUMBER OF CHILDREN IMMUNISED EACH YEAR, COMMENCING 1933.**

Age at Date of Immunisation	1933		1934		1935		1936		1937		1938		1939		1940		1941		1942		1943		1944		1945		1946		1947		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
0—1					1		2										1	3	1	1	3	4	1	6			1		4		Total children under 5 years of age at end of 1947 who have been immunised 2051
1—2		1	1		8	12	38	31	6	4	9	9	6	1	7	9	158	53	100	183	138	224	163	257	239	239	180	209	149	287	
2—3	1	1			12	11	58	30	17	6	15	12	13	13	11	32	175	55	57	86	52	59	26	34	33	34	26	65	24	42	
3—4	2	1		1	10	26	109	69	32	16	20	30	15	7	10	17	229	53	34	75	41	45	24	20	38	14	14	25	10	20	
4—5	2	4	2	2	16	38	138	129	41	12	17	26	11	11	7	19	253	70	44	49	29	43	30	23	44	20	9	33	6	10	
5—6	4	6	1	1	27	37	187	117	35	5	11	30	6	5	13	12	282	86	32	41	18	22	28	13	29	13	9	17		15	Total children under 15 (5-15) at end of 1947 who have been immunised 5513
6—7	2		3		33	14	177	102	14	3	6	21	3		7	5	303	78	13	15	15	23	23	8	29	12	3	9	4	8	
7—8	1	3			10	9	91	35	5	1	4	6	3		4	2	251	54	4	10	10	4	10	2	39	9	4	5	2	4	
8—9	1	3	1		1	2	34	20	5	2	4	3			5	4	240	53	6	5	3	7	2	2	44	7	1	5	2	2	
9—10					1	3	23	6	4		1	5	1		1	2	257	60	5	3	1	3	5	1	43	7	1	1	2	2	
10—11					3		14	10	1			3		2	2		265	47	3		1	3	8	1	26	1			1	1	
11—12						1	3	2	2		3		1		3		284	50	4	1	1	1	13		40	6		2	2	1	
12—13																	378	53	6	2	3	3	9		23	2		2			
13—14							1										371	64	4	1			3		15	1	2	1		1	
14—15							1								1		129	15							7						
15—16										1		1					49		1				1		1						
16—17												1					19	2			1				1						
17—18												1					2														
Sub Totals	13	19	8	4	121	154	873	554	162	49	91	148	59	39	71	102	3646	796	314	472	316	441	346	367	651	365	249	375	202	397	
Totals	32		12		275		1427		211		239		98		173		4442		786		757		713		1016		624		599		
	1933		1934		1935		1936		1937		1938		1939		1940		1941		1942		1943		1944		1945		1946		1947		

NOTE:—A—January to June; B—July to December.





### Tuberculosis.

The following table shows a comparison of statistics in connection with Tuberculosis for the years 1943 to 1947 :—

	1943	1944	1945	1946	1947
Number of cases notified ....	94	84	100	97	94
Respiratory Tuberculosis ....	75	72	80	77	77
Deaths from Respiratory Tuberculosis	23	24	22	20	26
Deaths from Tubercular Meningitis ....	2	1	3	1	—
Total Deaths ....	26	32	30	25	32
General death rate from all forms of Tuberculosis ....	.38	.48	.46	.38	.48
Death rate for Respiratory Tuberculo- sis ....	.34	.34	.34	.30	.40

### Diphtheria.

There were no cases of confirmed Diphtheria in the Borough during the year 1947.

### Diphtheria Immunisation.

The table set out on pages 13 and 14 shows the number of immunisations carried out in 1947, and the immunity among children.

The attendances at the immunisation clinic for the year were as follows :—

Total number of attendances ....	2099
Total number of children completely immunised	599
(a) under 5 years of age ....	552
(b) over 5 years of age ....	47
Total number of Schick tests performed	415
Negative ....	307
Positive ....	2
Results not known ....	106

### Treatment of Scabies.

There was a considerable drop in the number of cases requiring treatment during 1947 as compared with 1946 when the number of cases was 785 and the number of attendances 999. The figures in respect of 1947 are as follows :—

	<i>No of cases</i>	<i>No. of attendances</i>
Men ....	63	69
Women ....	76	80
Children—Under 5 years of age ....	34	37
Of School age ....	89	97
TOTALS ....	262	283

### Ambulance and Transport Service.

A new Austin Ambulance was purchased during the year and came into commission in October, and the strength of the service at the end of the year was four ambulances and two sitting-case cars. All of these vehicles are stationed at the Isolation Hospital and a twenty-four hour service was maintained.

The work carried out by the Ambulance Service included :—

- 1.—Transport of infectious disease cases.
- 2.—Transport of accident cases.
- 3.—Transport of persons to and from hospitals.
- 4.—Transport of bedding and clothing for fumigation and laundering.

The work carried out by the sitting case cars and the converted Ford Ambulance included :—

- 1.—Transport of food to and children to and from Day Nurseries.
- 2.—Transport of vitamins to the selling depots in the Borough and the surrounding district.
- 3.—Transport of personnel to and from the cooking depot.
- 4.—Transport of mothers to Bradford-on-Avon and to the Swindon Maternity Hospital.
- 5.—Transport of patients to and from hospitals and out-patients department.
- 6.—Transport of midwives.
- 7.—Transport of patients to and from Chelworth House.

A total mileage of 48,980 was covered by all the vehicles during the year, and the following table indicates the allocation of this mileage over the various services :—

[illegible]



### Bacteriological Examination.

The number of specimens examined during the year by the Medical Laboratory Service was as follows :—

Swindon and North Wilts Victoria Hospital ....	2,148
St. Margaret's Hospital ....	440
G.W.R. Medical Fund Society ....	807
Isolation Hospital ....	139
Swindon Maternity Hospital ....	191
Public Health Department ....	345
Military Units ....	630
Private Practitioners ....	215
Eastcott Hill Clinic ....	165

### Analysis of Water and Sewage.

Bacteriological analysis has been carried out at the Medical Laboratory, whilst Chemical analysis has been performed by the Public Analyst for the Borough.

### Insulin.

The facilities for providing insulin free or at a reduced rate continued during 1947, and four cases were assisted under the scheme.

### Examinations of Staff.

The following Medical Examinations were undertaken by the medical officers during 1947 :—

Appointees to staffs ....	41
Sundry teachers ....	93
Sundry persons for superannuation purposes ....	241
Special medical examinations ....	6

### Chelworth House Convalescent Home.

In my Report for the year 1946 I gave statistics in respect of the period 1st April, 1946, to 31st March 1947, and therefore I am showing below the figures for the period 1st April, 1947 to 31st March, 1948. Although the number of Swindon cases has fallen slightly from 107 to 95, the number of cases admitted from districts outside the Borough, and mainly from Oxford, has risen sharply from 14 to 60. The patient days show an increase for the non-Swindon cases, but a slight decrease in respect of Swindon cases.

The following is a review of the cases admitted to Chelworth House during the period 1st April, 1947, to 31st March, 1948 :—

	Adults		School-children		Un- accomp. child'n under 5	Mothers with babies	Totals
	M.	F.	M.	F.			
Swindon cases ....	3	24	24	26	10	8	95
Other Authorities' cases ....	2	16	12	8	11	11	60
Patient Days, Swindon ....	116	458	580	389	334	197	2074
Patient Days, Others ....	114	377	203	164	630	331	1819

## MATERNITY AND CHILD WELFARE.

Once again I would like to express my thanks to the Swindon District Nursing Association who have given us assistance over occasional maternity cases which had to be treated at home and where it was not desirable for a midwife to attend because of the danger of infection.

### Statistics relating to the Maternity Hospital for the year 1947.

Number of cases in the Hospital at the 1st January ....		23
Borough of Swindon cases ....	17	
Wilts County cases ....	6	
Babies ....	22	
Number of Maternity cases admitted during the year		772
Married women ....	753	
Single women ....	19	
Booked cases ....	609	
Non-booked cases ....	163	
Borough of Swindon cases ....	594	
Wilts County cases ....	169	
Berks County cases ....	9	
Number of expectant mothers admitted for hospital treatment (this figure is included in the total number of cases admitted) ....		73
Borough of Swindon cases ....	52	
Wilts County cases ....	20	
Berks County cases ....	1	
Number of cases in the Hospital at the 31st December		20
Borough of Swindon cases ....	12	
Wilts County cases ....	8	
Babies ....	16	
Number of babies born in the Hospital during the year		736
Cases delivered by midwives ....	621	
Cases delivered by Doctors ....	103	
Sets of twins ....	12	
(Male, 7; Female, 4; Male/Female, 1)		
Number of cases admitted after delivery ....		16
Number of cases in which medical assistance was sought by midwives ....		240
Number of infants wholly breast-fed on leaving the Hospital ....		638
Number of infants who at any time received supplementary or complementary feeds while in the Hospital ....		93



Number of Stillbirths	....	....	....	....	....	....	....	19
Causes : Prematurity (twins)	....	....	....	....	....	....	....	2
,, Maternal Nephritis	....	....	....	....	....	....	....	1
Toxaemia (premature)	....	....	....	....	....	....	....	5
,, with A.P.H.	....	....	....	....	....	....	....	2
Placenta Praevia	....	....	....	....	....	....	....	2
Prolapsed Cord	....	....	....	....	....	....	....	1
Monsters	....	....	....	....	....	....	....	4
Other causes	....	....	....	....	....	....	....	2
Number of infant deaths in the Hospital	....	....	....	....	....	....	....	9
Causes : Prematurity	....	....	....	....	....	....	....	4
Premature twins	....	....	....	....	....	....	....	2
Cerebral Haemorrhage	....	....	....	....	....	....	....	2
Broncho-pneumonia (confirmed by P.M.)	....	....	....	....	....	....	....	1
Number of Maternal Deaths	....	....	....	....	....	....	....	0
Number of cases of Pyrexia and Notifiable Pyrexia	....	....	....	....	....	....	....	27
Notifiable	Para 1	....	....	....	....	....	....	4
	Para 2	....	....	....	....	....	....	3
	Para 5	....	....	....	....	....	....	2
Not notifiable	Para 1	....	....	....	....	....	....	10
	Para 2	....	....	....	....	....	....	6
	Para 3	....	....	....	....	....	....	2
Number of Deliveries in which interference was necessary—								
Surgical Induction	....	....	....	....	....	....	....	81
Medical Induction	....	....	....	....	....	....	....	3
Forceps	....	....	....	....	....	....	....	72
Manual removal of Placenta	....	....	....	....	....	....	....	1
Blood and Serum Transfusions	....	....	....	....	....	....	....	1
Caesarian Section : Lower Segment	....	....	....	....	....	....	....	4
Classical	....	....	....	....	....	....	....	5
Difficult manual delivery	....	....	....	....	....	....	....	1
Prolapsed cord	....	....	....	....	....	....	....	2
Episiotomy	....	....	....	....	....	....	....	14
Internal Podalic Version	....	....	....	....	....	....	....	1
P.P.H. (over 20 ozs.)	....	....	....	....	....	....	....	81
(N.B.—In a few cases interference may fall under more than one heading)								

TABLE SHOWING AGE AND PARITY OF MOTHERS WHO WERE DELIVERED AT THE MATERNITY HOSPITAL.

Years	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	Totals
Par.1	1	—	1	10	13	27	26	40	34	37	43	36	25	15	18	13	16	7	8	6	5	5	6	2	5	1	—	—	—	1	—	401
2	—	—	—	2	1	2	7	11	13	18	22	22	17	12	5	5	10	9	7	5	7	2	4	1	2	3	—	3	—	—	1	191
3	—	—	—	—	1	—	1	1	1	1	5	3	5	6	7	4	4	4	4	3	1	7	3	5	8	1	1	1	1	—	—	78
4	—	—	—	—	—	—	—	—	1	—	1	1	2	4	—	—	2	—	4	1	—	1	1	1	—	1	—	—	—	—	—	20
5	—	—	—	—	—	—	—	—	—	—	1	1	—	—	1	—	—	1	1	3	2	2	2	1	—	1	2	1	1	—	1	21
6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	1	—	1	—	1	—	—	—	—	—	—	5
7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1
8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	1
9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	1
10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	1
11	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	1
12	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	1
13	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	1	—	—	2
Totals	1	—	1	12	15	29	34	52	49	56	72	53	49	37	31	22	32	21	24	19	17	17	18	11	16	9	4	7	2	1	3	724

TABLE SHOWING RANGES OF WEIGHTS OF PREMATURES.

Age of Mother	B C	Para.	Weight lbs. ozs.	Age of Mother	B C	Para.	Weight lbs. ozs.	Age of Mother	B C	Para.	Weight lbs. ozs.
15	C	1	5 7	28	B	1	5 4	19	B	3	5 2 } Twins
18	B	1	5 4	29	B	1	5 0	21	B	3	4 13 } Twins
19	B	1	3 12	31	C	1	4 15	27	B	3	3 8
19	B	1	4 12	31	C	1	2 13	30	B	3	4 10 } Twins
19	C	1	4 14	31	B	1	3 10	39	B	3	5 0
20	C	1	4 4	32	B	1	5 7	42	B	3	5 6
20	B	1	4 10	33	C	1	5 5	39	B	3	4 15 } Twins
21	B	1	5 8	33	B	1	5 2	45	C	12	5 6 } Twins
21	B	1	5 7	37	B	1	5 3				
22	B	1	5 8	37	C	1	3 8				
22	B	1	5 5	37	C	1	4 2 } Twins				
22	B	1	5 2	42	B	1	5 8				
23	B	1	5 1				4 8				
23	C	1	5 0 } Twins								
24	B	1	3 15	21	C	2	3 14	32	B	5	4 10
24	B	1	5 7	25	B	2	5 7	41	C	5	5 1
25	B	1	5 6	26	B	2	5 5 (Twin)				
25	B	1	5 1	26	B	2	4 1	39	C	6	5 0
26	B	1	5 8	26	B	2	5 3				
26	B	1	5 0	27	B	2	4 7				
26	C	1	3 0	28	C	2	5 4				
26	B	1	4 15	29	B	2	4 0	37	C	10	4 2
27	B	1	4 10	34	B	2	2 9 } Twins				
27	B	1	5 5	40	C	2	2 8½				
27	B	1	5 6				4 9				



Number of Emergencies with causes :—

Of the 163 cases admitted to the Maternity Hospital and not booked in the normal manner, the following table indicates those admitted for medical and surgical reasons :—

Cause—	Number of Cases			Parity													
	B/o	S	Wilts	Total	1	2	3	4	5	6	7	8	9	10	11	12	13
A.P.H. ....	3		4	7	4			2	1								
Breech Delivery ....	1		1	2	2												
Eclampsia ....	5		0	5	4		1										
Hyperemesis ....	1		1	2	1	1											
Operations—																	
Caes. Section ....	2		1	3	1			1		1							
Episiotomy ....	0		1	1	1												
Forceps, Low ....	7		1	8	7		1										
Mid. ....	3		1	4	3		1										
Manual removal of plac. ....	2		0	2	1	1											
Medical Induction ....	1		0	1	1												
Sterilization ....	1		0	1	1												
Surgical Induction ....	17		12	29	15	6	4	1	2		1						
P.P.H. ....	9		3	12	4	2	4	1									1
P.O.P. ....	1		0	1		1											
Post Maturity ....	1		0	1					1								
Pyelitis ....	1		1	2	2												
Physical Condition not related to pregnancy	4		1	5	1	2		1	1								
Toxaemia ....	5		1	6	3	2			1								

### Maternity Hospital.

Selection of cases for admission to the Maternity Hospital was again necessary on account of the inadequate number of beds available. The same criteria applied, namely, that all cases were admitted where medical need arose, the remaining beds being allocated to women seeking admission with reference to their social circumstances. In many instances where it was not found possible to admit a woman to hospital, Home Helps were provided during the lying-in period.

It was found necessary to transfer 41 women to the Emergency Maternity Home at Bradford-on-Avon, compared with 35 transfers in 1946.

### Training in Gas and Air Analgesia.

Training of pupils and midwives by the Consultant Anaesthetist proceeded during 1947, with the result that 9 passed their qualifying examination to secure approval of the Central Midwives' Board of their fitness to administer gas and air analgesia.

### Maternity Hospital Annexe.

The Annexe to the Maternity Hospital at 83 Bath Road continued to function throughout the year but it did not prove possible to increase by any means the beds available for maternity cases.



### **Domiciliary Midwifery.**

The Domiciliary Midwifery service was strengthened during the year by the additional appointment of Sister J. Johnson, the number thus operating from the Maternity Hospital being raised to three, with four Domiciliary Midwives operating from their own homes.

### **Maternal Deaths.**

One maternal death occurred attributed to Hyperemesis gravidarum. This woman was under the care of her own doctor and was seen by the Borough's Consultant Obstetrician so that it would appear that all necessary facilities for the treatment of this woman were available.

### **Infant Mortality Rate.**

The Infant Mortality rate for Swindon for 1947 was at the relatively low figure of 25.62 per thousand total live births and while this is a recession from the figure of 22.03 for 1946, is still gratifyingly low. The total number of infant deaths was 37, 16 of which occurred within the first seven days of birth.

The figure of 25.62 assumes greater significance if due regard is had to the accompanying still-birth rate of 13 per 1,000 total births, live and still, which represents just under half the rate obtaining in 1946. With such a low still-birth rate there would have been a reasonable expectation that the neo-natal death rate would have been substantially increased, but on the contrary there was a decrease in the neo-natal death rate and the overall death rate for viable foetuses was about 77% of that obtaining in 1946.

It is very tempting to conclude that the vastly improved still-birth rate is not unrelated to the improvement in our maternity services effected by the appointment of a Consultant Obstetrician in March, 1947, together with our re-organisation of the Maternity Hospital and ante-natal services introduced at the same time.

### **Social Welfare Work.**

During 1947 the Social Welfare Worker, Miss A. J. Orr, made 225 primary visits, a similar number of follow-up visits and 250 further visits in connection with her work.

40 of the primary visits were in connection with marital mal-adjustments and of the 25 instances in which it was suggested that approach should be made to the Probation Officer, only 6 carried out the suggestion, but in some of the other cases the cause of the mal-adjustment was eliminated by re-housing. The large majority of the other primary visits were in connection with the un-married mother and child.

During the course of the year, the Social Welfare worker attended quarterly meetings of the Moral Welfare Association and meetings of the Council of Social Service and the Public Assistance Committee. She also attended the Moral Welfare Association Conference in Bristol and the Conference of the National Council for the Unmarried Mother and her Child in London.

**Home Help Service.**

The Home Help Service continued to function during the year and 45 mothers availed themselves of the service during this period.

**Nursing Homes.**

There are two Nursing Homes registered in the Borough of Swindon and one of these Homes provides 10 beds which can be used for either maternity or surgical and medical purposes.

**Ante-Natal and Post Natal Clinics.**

Five Ante-natal and two Post-natal Clinics are provided. 714 women attended the Ante-natal clinics and 233 women the Post-natal clinics during the year.

**Health Visiting.**

The Establishment of the Health Visiting Staff remained unchanged during the year with one Senior Health Visitor and six Health Visitors, all of whom are also engaged as School Nurses. The following table gives the visits carried out by the Staff during 1947 :—

First visits to mothers and children	....	....	....	1,799
Revisits	....	....	....	4,420
Visits to children aged 1 year to 5 years	....	....	....	5,945
Visits to expectant mothers	....	....	....	415
Infant death and still birth enquiries	....	....	....	35
Infectious diseases visits	....	....	....	607
Visits to cases of tuberculosis	....	....	....	134
Child Life Protection visits	....	....	....	157
Ophthalmia Neonatorum cases	....	....	....	8
Total visits	....	....	....	13,520

**Treatment Centres and Clinics—**

There are five Infant Welfare Centres provided in the Borough of Swindon, as follows :—

61, Eastcott Hill, Swindon	....	....	Monday	2—4.30 p.m.
			Wednesday	2—4.30 p.m.*
			Friday	2—4.30 p.m.*
Pinehurst Clinic, Beech Avenue	....	....	Tuesday	2—4.30 p.m.*
Trinity Methodist Schoolroom, Cricklade Road	....	....	Wednesday	2—4.30 p.m.*
Methodist Schoolroom, Romsey Street, Rodbourne	....	....	Thursday	2—4.30 p.m.**
Moredon Community Centre	....	....	Thursday	2—4.30 p.m.**

\* Doctor in attendance.

\*\* Doctor in attendance alternate weeks.

These sessions are available for consultations and advice for mothers, and for children up to the age of 5 years.



### Services of Children's Specialist.

Dr. Beryl Corner continued to hold sessions at fortnightly intervals during the year and children were referred to her clinic by the assistant medical officers and from general practitioners.

No. of clinics held	....	....	....	....	....	....	....	18
No. of children seen by Specialist	....	....	....	....	....	....	....	58
School children	....	....	....	....	....	....	....	38
M. & C.W. cases	....	....	....	....	....	....	....	20
No. of consultations and attendances	....	....	....	....	....	....	....	123
Schoolchildren	....	....	....	....	....	....	....	73
M. & C.W. cases	....	....	....	....	....	....	....	50

### Dental Scheme, Maternity and Child Welfare.

Number of Infant Welfare cases referred	....	....	166	
Number of Maternity cases referred	....	....	105	
			—	271
Number of attendances	....	....	....	794
Number of fillings—Temporary Teeth	....	....	6	
Permanent Teeth	....	....	52	
			—	58
Number of Extractions—Temporary Teeth	....	....	81	
Permanent Teeth	....	....	226	
			—	307
Administration of general anaesthetics	....	....	....	92
Administration of local anaesthetics	....	....	....	42
Number of scalings	....	....	....	36
Number of Dentures supplied	....	....	....	20
Number of repairs to dentures	....	....	....	4
Number of other operations—To temporary teeth			324	
To permanent teeth			22	
			—	346

### Orthopaedic Treatment.

Children under school age attend the Orthopaedic Clinic held at the Isolation Hospital and the following are the particulars relating to this service:—

Number of cases seen by the Orthopaedic Surgeon	....	....	42
Number of consultations and attendances	....	....	76
Number of attendances at the Sister's Clinic	....	....	410
Number of cases seen by the Orthopaedic Observation Clinic	....	....	47
Number of cases treated in Hospital (Bath and Wessex Children's Orthopaedic Hospital)	....	....	3
Number of consultations and attendances at the Observation Clinic	....	....	55

### Ophthalmic Treatment.

The following children under the age of 5 years were referred to Mr. O. B. Pratt, the ophthalmic specialist :—

Number of cases seen	....	....	....	....	....	....	....	66
Errors of refraction	....	....	....	....	....	....	....	44
Other defects	....	....	....	....	....	....	....	22
Number of consultations	....	....	....	....	....	....	....	152
Number of attendances at clinic	....	....	....	....	....	....	....	213
Number of cases for whom spectacles were prescribed	....	....	....	....	....	....	....	24
Number of cases for whom spectacles were obtained through the scheme	....	....	....	....	....	....	....	22

### Child Life Protection.

Number of Foster Mothers on the register at the end of the year	....	....	....	....	....	....	....	7
Number of Foster Children under the supervision of the Local Authority	....	....	....	....	....	....	....	7
Number of Foster Mothers who were guaranteed payment by the Welfare Authority at the end of the year	....	....	....	....	....	....	....	2

These boarded-out children are subject to constant supervision by the Child Life Protection Officers, and 145 supervisory visits were paid during the year 1947.

The Foster Mother scheme adopted by the Health Committee guarantees a weekly sum of 17s. 6d. for the care of the children and the mother is asked to contribute according to her means.

### Domestic Help Service.

The Domestic Helps provided by the local authority continued to give service during the year in cases of sickness and infirmity. Three domestic helps were retained in 1947.

### Adoption of Children.

25 children were under supervision at the end of the year and the Social Worker made adoption arrangements in respect of a similar number of children.

### Day Nurseries.

I have again to report that the demand for accommodation in the Day Nurseries exceeds that which we are able to provide, and there appears to be little prospect of increasing the available accommodation in the near future.



Broad Street Day Nursery was closed for some three weeks during February, 1947, following a fire in the linen store. Fortunately the damage was not extensive.

		No. of Children on register at the end of the	Total number of attendances.	
		year.	Six months	
			Jan.-June	July-Dec.
Broad Street	0—2	8	793	919
	2—5	34	2239	3346
Pinehurst	0—2	9	1169	930
	2—5	27	2313	2494

The following indicates the health of the children in the Nurseries during the year :—

Broad Street	....	....	....	Scarlet Fever	....	....	....	1
				Tonsillitis	....	....	....	1
				Influenza	....	....	....	5
				Bronchitis	....	....	....	1
				Chicken pox	....	....	....	1
Pinehurst	....	....	....	Measles	....	....	....	9
				Bronchitis	....	....	....	1
				Chicken pox	....	....	....	3

**Table Showing the Approximate Number of Children in the Borough under Five Years of Age in the Years, 1943-7.**

(This Table has been corrected for infant deaths in the first year, but not for subsequent years.)

Infants born in years.	Children under 5 in the Borough in years :—				
	1943	1944	1945	1946	1947
1939	813				
1940	897	897			
1941	1043	1043	1043		
1942	1130	1130	1130	1130	
1943	1187 <hr/> 5070	1127	1127	1127	1127
1944		1409 <hr/> 5606	1360	1360	1360
1945			1159 <hr/> 5819	1121	1121
1946				1271 <hr/> 6009	1243
1947					1444 <hr/> 6295

# BOROUGH OF SWINDON.

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TABLE OF INFANT MORTALITIES.

Year	Live Births (1)	Still Births (2)	Total conceptions extending to viable foetus (1)+(2) = 2a	Deaths under 1 year of infants born alive (3)	Infant Mortality rate for infants born alive (4)	Infant deaths under 7 days (5)	Infants who died before birth or within first week of life (2)+(5) = 5a	Deaths in infants between 1st week and end of 1st year (3)-(5) = 5b	Mortality rate of viable children before or within 1 week of birth (6)	Mortality rate for infants in period from end of one week to end of 1st year (7)
1938	791	28	819	43	54.36	19	47	24	57.39	28.59
1939	848	29	877	35	38.42	23	52	12	59.38	13.68
1940	958	43	1001	61	61.43	22	65	39	64.93	38.96
1941	1107	27	1134	64	55.75	18	45	46	38.99	40.56
1942	1174	36	1210	44	37.48	20	56	24	46.28	19.83
1943	1187	23	1210	60	50.55	26	49	34	40.49	28.10
1944	1409	48	1457	49	34.78	23	71	26	48.73	17.84
1945	1159	33	1192	38	32.79	15	48	23	40.27	19.39
1946	1271	36	1307	28	22.03	19	55	9	42.08	6.88
1947	1444	19	1463	37	25.62	16	35	21	23.92	14.35

Mortality of viable children before, at birth or within one week of birth, obtained by  $5a \times \frac{1000}{2a}$

Infant death rate for infants in period from end of one week to end of first year obtained by  $5b \times \frac{1000}{2a}$

## BOROUGH OF SWINDON.

## INFANT MORTALITY.

1947. *Nett deaths from stated causes at various ages under  
One Year of Age.*

COMPILED FROM THE OFFICIAL REGISTRATIONS.

CAUSE OF DEATH. ....	Under 1 week	1—2 weeks	2—3 weeks	3—4 weeks	Total under 1 month.	1—3 months	3—6 months	6—9 months	9—12 months	Total Deaths under 1 year
All Causes—										
Certified ....	16	2	1	1	20	8	5	3	2	38
Uncertified ....	...	...	...	...	...	...	...	...	...	...
Measles ....	...	...	...	...	...	...	...	...	...	...
Whooping Cough ....	...	...	...	...	...	...	...	...	...	...
Diphtheria ....	...	...	...	...	...	...	...	...	...	...
Influenza ....	...	...	...	...	...	...	...	...	...	...
Tuberculosis of nervous system ....	...	...	...	...	...	...	...	...	...	...
Tuberculosis of Intestines and Peritoneum....	...	...	...	...	...	...	...	...	...	...
Tuberculous Meningitis ....	...	...	...	...	...	...	...	...	...	...
Syphilis ....	...	...	...	...	...	...	...	...	...	...
Meningitis ....	...	...	...	...	...	...	...	...	1	1
Convulsions ....	...	...	1	...	1	...	...	...	...	1
Bronchitis ....	...	...	...	...	...	...	...	...	1	1
Pneumonia ....	1	...	...	...	1	7	3	1	...	12
Other Respiratory Diseases	...	...	...	...	...	...	...	...	...	...
Inflammation of the Stomach ....	...	...	...	...	...	...	...	...	...	...
Diarrhoea and Enteritis ....	...	1	...	...	1	...	1	1	...	3
Hernia, Intestinal Obstruction ....	...	...	...	...	...	...	...	...	...	...
Congenital Malformations	1	...	...	...	1	...	...	1	...	2
Congenital Debility and Sclerema ....	...	...	...	...	...	...	...	...	...	...
Icterus ....	...	...	...	...	...	...	...	...	...	...
Premature Birth ....	10	1	...	...	11	...	...	...	...	11
Injury at Birth ....	1	...	...	...	1	1	...	...	...	2
Disease of Umbilicus	...	...	...	...	...	...	...	...	...	...
Atelectasis ....	2	...	...	...	2	...	1	...	...	3
Suffocation—in bed	...	...	...	...	...	...	...	...	...	...
Other causes :—	1	...	...	1	2	...	...	...	...	2
TOTALS ....	16	2	1	1	20	8	5	3	2	38



## ISOLATION HOSPITAL

The Isolation Hospital year runs from 1st April, 1947, to 31st March, 1948, The number of new admissions during this year was 69 against 216 and 186 in the two previous years. On 1st April, 1947, there were 18 patients remaining in the hospital so that altogether 87 cases were under treatment during the year. Of these, 79 cases were discharged cured, 2 were transferred to other hospitals and 6 remained in hospital at the end of the year, 31st March, 1948.

The 69 cases admitted during the year were chargeable to the following local authorities :—

### Public Health Acts—

Swindon Borough	....	....	....	....	....	....	46
Highworth R.D.C.	....	....	....	....	....	....	9
Cricklade and Wootton Bassett R.D.C.	....	....	....	....	....	....	3
Calne and Chippenham R.D.C.	....	....	....	....	....	....	1
Chippenham Borough	....	....	....	....	....	....	1
Devizes R.D.C.	....	....	....	....	....	....	2
Devizes Borough	....	....	....	....	....	....	1

### Maternity and Child Welfare (Puerperal Pyrexia)—

Swindon Borough	—	3 mothers	}	....	....	....	5
		2 babies					
Wilts County Council	—	1 mother	}	....	....	....	1
		— babies					

The 69 cases arranged according to the final diagnosis are :—

Acute Laryngitis	....	....	....	1	Ophthalmia Nenoatorum	....	4
Acute Anterior Poliomyelitis	....	....	....	2	Penicillin Dermatitis	....	1
Broncho pneumonia	....	....	....	1	Puerperal Pyrexia	....	2
Drug Dermatitis	....	....	....	1	Puerperal Sepsis	....	2
Erysipelas	....	....	....	2	Rubella	....	1
Erythema Nodosum	....	....	....	1	Scarlet Fever	....	30
Infective Mononucleosis	....	....	....	1	Tonsillitis	....	11
Impetigo contagiosa	....	....	....	1	Tubercular Meningitis	....	1
Mumps	....	....	....	1	Mothers with babies	....	3
Non Virulent Diphtheria carrier	....	....	....	1	Babies with mothers	....	2

The two cases transferred to other hospitals were :—

One case of Tubercular meningitis was transferred to Bristol Children's Hospital and has subsequently died.

One case of Puerperal Pyrexia was transferred to St. Margaret's Hospital, Stratton.

## REPORT OF THE SENIOR SANITARY INSPECTOR.

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*To the Chairman and Members of the Health and Welfare Committee.*

LADIES AND GENTLEMEN,

I have the honour of submitting the Annual Report of the work carried out under the supervision of the Senior Sanitary Inspector during the year 1947.

For the second year in succession, the Department was understaffed owing to the shortage of fully-qualified Sanitary Inspectors and local housing difficulties, as candidates are reluctant to accept appointments unless housing accommodation is provided. Consequently there is some reduction in the number of routine visits and inspections.

### FOOD AND DRUGS ACT, 1938.

In spite of staff shortages, however, the maximum number of samples as required by the Ministry of Health were procured and submitted to the Public Analyst for examination, and particulars of the articles sampled will be found on page 38 of this Report. Two milk producers were prosecuted for selling milk containing added water, one was fined £10 5s. 0d., and the other £7 10s. 0d. The amount of added water varied from 4% to nearly 13% in these cases. Fifty-five samples of milk were submitted for bacteriological examination, and of these 18 were found to be below standard. Action was taken in each case in conjunction with the Sanitary Inspector in whose area the milk was produced, and "follow-up" samples were found to comply with the requirements of the Milk (Special Designations) Regulations 1936-46.

### ICE-CREAM (HEAT TREATMENT, ETC.) REGULATIONS 1947.

These regulations came into force on the 1st May, 1947, and should eventually lead to a higher hygienic standard of production. The regulations require that the cream shall be heated to a temperature of not less than 150 degrees Fahrenheit for 30 minutes or alternatively of not less than 160 degrees Fahrenheit for 10 minutes, and then cooled to a temperature of not more than 45 degrees Fahrenheit, within 1½ hours.

Registering and recording thermometers are necessary on pasteurising plants and coolers to ensure that these processes are being carried out in accordance with the requirements of the Regulations, but at the present time thermometers are nearly impossible to obtain, and their requirement will not be legally enforceable until a date to be prescribed by the Ministry of Health.



These requirements are not enforceable where ice-cream is manufactured from a cold mix, that is from prepared ingredients which have been heat treated previously, and only cold water is added.

Eight samples of ice-cream were examined by the Public Analyst and the fat content of these samples varied from 0.23% to 8.64%. There is no legal standard for ice-cream, but it is desirable that one should be defined for the protection of the purchaser, as comparatively high prices are often charged for a very inferior article.

### MEAT INSPECTION.

Centralised slaughtering for the Borough of Swindon and the surrounding Rural Districts is still carried out at the Ministry of Food Slaughterhouse in Shrivenham Road. These premises are totally inadequate for the amount of slaughtering carried on there, and the condition of the slaughterhouse generally is very far below the usual standard. The provision of a modern slaughterhouse where the slaughtering of animals could be carried out under hygienic conditions is long overdue, as the present premises are badly sited and cannot be brought up to modern standards without complete reconstruction and replanning. Owing to the absence of a suitable cooling room at the slaughterhouse, during the hot weather in August, 2,900 lbs. of meat were condemned with bone taint and decomposition.

13,351 carcasses were inspected during the year. The total amount of unsound meat and other foods dealt with by the Sanitary Inspectors amounted to approximately 100 tons.

The table on page 39 shows the number of animals slaughtered and the percentages found to be affected with Tuberculosis and other diseases.

### DRAINAGE WORK.

The drains of 260 premises were relayed or overhauled under the supervision of the Sanitary Inspectors, during the year.

### HOUSING REPAIRS.

In spite of continued shortage of labour and materials, the table of Sanitary Statistics shows that a very considerable amount of repair work has been carried out as the result of representations made by the Sanitary Inspector.

Every effort is made to get repairs carried out without having to take legal proceedings, and repairs were carried out at 1,337 houses by the owners concerned without the service of Statutory Notices. It was, however, necessary to serve Statutory Notices in respect of 24 properties, and in 17 of these cases the work was eventually carried out by the owners. In 7 cases the necessary work was carried out by the Corporation in default of the owners, and the cost of the repairs recovered from the owners.

## OVERCROWDING.

The records of the department showed 41 cases of overcrowding as defined by the provisions of the Housing Act, 1936, and the number of persons affected by the overcrowding conditions was 307. The standard of the Housing Act, 1936 is a very low standard permitting  $7\frac{1}{2}$  persons to occupy a four-roomed house and it has been suggested that the standard should apply to bedroom accommodation only. There are numerous families who may not be actually overcrowded but who are inadequately housed, and particulars of such cases are forwarded to the Housing Officer so that they can be given consideration on their merits.

## RATS AND MICE (DESTRUCTION) ACT 1919.

The whole of the sewers in the Borough were systematically baited, as recommended by the Ministry of Food. The manholes were pre-baited twice and then poison bait was used. This was repeated after one month's interval with a different poison and bait. In all 1,327 lbs. of bait were used including 54 lbs. of arsenious oxide and 18 lbs. of zinc phosphide. The graph on page 45 shows that the systematic baiting of the sewers was very effective, and it is proposed that maintenance treatment of the sewers should be carried out every six months.

In concluding my Report, I wish to thank all the Officers of the Corporation for their assistance and ready co-operation during the year.

H. A. BANWELL,  
*Senior Sanitary Inspector.*



**SANITARY STATISTICS, 1947.**  
**TABLE OF NUISANCES RECORDED AND ABATED.**

Nature of Complaint.	Not abated at end of 1946	Visited during 1947	Total	Abated during 1947	Not abated at end of 1947
Choked drains ....	5	209	214	206	8
Defective drains ....	25	135	160	144	16
" traps ....	10	128	138	114	24
" sinks ....	23	42	65	40	25
" and dirty w.c.'s ....	42	684	726	530	196
" flushing-cisterns ....	47	200	247	193	54
" roofs ....	176	376	552	340	212
" eaves-gutters & rainwater pipes ....	125	242	367	240	127
" ceilings ....	125	272	397	222	175
" walls ....	212	477	689	384	305
Damp walls ....	179	219	398	279	119
Dirty rooms ....	166	443	609	421	188
Defective floors ....	121	316	437	291	146
" firegrates ....	55	85	140	93	47
" coppers ....	15	29	44	29	15
" yard paving ....	19	53	72	42	30
" forecourt paving ....	5	3	8	8	—
Offensive accumulations ....	9	38	47	42	5
" animals ....	2	2	4	4	—
Miscellaneous ....	569	1029	1598	1081	517
<b>TOTALS ....</b>	<b>1930</b>	<b>4982</b>	<b>6912</b>	<b>4703</b>	<b>2209</b>

## VISITS AND INSPECTIONS, 1947.

Investigation of Complaints	....	....	....	3297
Work in course of construction	....	....	....	912
Infectious disease	....	....	....	158
Slaughterhouses	....	....	....	594
Butchers' shops	....	....	....	111
Markets	....	....	....	200
Bakehouses	....	....	....	49
Cow-sheds, milkshops and dairies	....	....	....	116
Fishshops	....	....	....	146
Food shops	....	....	....	839
Factories	....	....	....	66
Outworkers' premises	....	....	....	142
Common Lodging-house	....	....	....	8
Revisits	....	....	....	2872
Miscellaneous	....	....	....	1922
Overcrowding Survey	....	....	....	120
Housing Inspections	....	....	....	128
TOTAL	....	....	....	<u>11680</u>

## BAKEHOUSES.

Number on Register	....	....	....	29
Nuisances Found and Abated	....	....	....	26

## DAIRIES, COWSHEDS AND MILKSHOPS.

Dairies and Milkshops	....	....	....	....	31
Farms	....	....	....	....	18
Milk Purveyors from outside the Borough				....	13
Total	....	....	....	....	62

MILK (SPECIAL DESIGNATIONS) REGULATIONS,  
1936-1946.

Licences in force within the Borough.

Licences issued by the Wilts County Council.

Licences in respect of an establishment at which the milk is produced and not bottled :—

Tuberculin Tested	....	....	....	None
Accredited	....	....	....	Seven

Licences in respect of an establishment at which the milk is produced and bottled :—

Tuberculin Tested	....	....	....	Two
Accredited	....	....	....	None

In addition to the above, there is one producer of Tuberculin Tested milk and one producer of Accredited milk from outside the Borough retailing within the Borough.

Licences issued by the Town Council of the Borough of Swindon:

Licences in respect of an establishment at which the milk is bottled :—

Tuberculin Tested	....	....	....	Eight
Accredited	....	....	....	None

Licences in respect of a shop or other establishment at or from which the milk is sold :—

Tuberculin Tested	....	....	....	Four
Accredited	....	....	....	None

Supplementary licences with respect to milk sold from a shop or other establishment which is outside the area of the Local Authority :—

Tuberculin Tested	....	....	....	One
Accredited	....	....	....	None

Licence in respect of an establishment in which the process of Pasteurising is carried on, including any shop or other establishment at or from which the milk is sold by the same dealer :—One.

Licence in respect of each shop or other establishment at or from which Pasteurised milk is sold :—Six.

Supplementary Licence in relation to Pasteurised milk sold from a shop or other establishment which is outside the area of the licensing authority :—None.

MILK (SPECIAL DESIGNATIONS) REGULATIONS,  
1936 to 1946.

**Bacteriological Examinations.**

<i>Designation.</i>	<i>No. of Samples taken.</i>	<i>Satisfactory.</i>	<i>Un- satisfactory.</i>
Tuberculin Tested ....	21	15	6
Accredited ....	3	3	—
Pasteurised ....	17	11	6
Non-designated ....	14	8	6
Totals ....	55	37	18

**FOOD AND DRUGS ACT, 1938.**

There are on the registers of the Department :—

Premises registered for the preparation or manufacture of sausages or potted, pressed, pickled or preserved food ....	86
Premises registered for the sale, manufacture or storage of ice-cream ....	114
Butchers' Shops ....	78
Wholesale Meat Stores ....	2
Fried Fish Shops ....	32
Other Food Shops ....	281

**Samples taken and submitted to the Public Analyst.**

	Formal	Informal	Genuine	Not Genuine	Remarks
Milk.....	81	46	103	24	—
Granulated Sugar	—	1	—	1	—
Baking Powder ....	—	7	7	—	—
Butter.....	5	—	5	—	—
Bisto .....	—	1	1	—	—
Phenol lozenges ....	—	1	1	—	—
Camphorated oil	—	1	1	—	—
Ice cream .....	—	8	8	—	—
Extract of malt and cod liver oil	—	2	2	—	—
Malted milk .....	—	1	1	—	—
Malt & oil .....	—	1	1	—	—
Epsom salts .....	—	4	3	1	—
Glauber salts .....	—	2	2	—	—
Non-edible fat ....	—	1	1	—	—
Golden Baking Powder .....	—	1	1	—	—
Golden Raising Powder .....	—	4	4	—	—
Jam .....	—	6	6	—	—
TOTALS .....	86	87	147	26	—



## PUBLIC HEALTH (MEAT) REGULATIONS, 1924.

The following table shows the number of carcasses inspected during the year.

## CARCASSES INSPECTED AND CONDEMNED, 1947.

	Cattle		Calves	Pigs	Sheep and lambs
	Cows	Other cattle			
Killed and inspected ....	1973	1946	119	293	9020
<b>DISEASES OTHER THAN TUBERCULOSIS</b>					
Whole carcasses condemned ....	54	6	3	3	22
Carcasses of which some part or organ was condemned ....	634	801	6	26	1723
Approximate percentage of number inspected affected with disease other than Tuberculosis ....	34.8%	41.5%	7.5%	10%	19%
<b>TUBERCULOSIS ONLY.</b>					
Whole carcasses condemned ....	83	13	2	7	—
Carcasses of which some part or organ was condemned ....	659	414	—	43	—
Approximate percentage of number inspected affected with Tuberculosis ....	37%	22%	1.6%	17%	—

TOTAL AMOUNT OF UNSOUND FOOD CONDEMNED BY  
SANITARY INSPECTORS

100 tons.      9 cwts.      3 qrs.      6 lbs.

## DISINFECTANTS.

Quantity given : Fluid .... 26 gals. 3 qts. 0 pts.  
 Powder .... 8 lbs.

## DISINFECTION AND DISINFESTATION.

Cases of Cancer	....	....	....	....	....	16
„ Tuberculosis	....	....	....	....	....	15
„ Scarlet Fever	....	....	....	....	....	70
„ Diphtheria	....	....	....	....	....	8
„ Pneumonia	....	....	....	....	....	60
Miscellaneous Cases	....	....	....	....	....	32
Verminous Rooms	....	....	....	....	....	362
Library Books disinfected	....	....	....	....	....	173
Lots of Bedding disinfected	....	....	....	....	....	74
Miscellaneous Articles disinfected	....	....	....	....	....	27
Lots of Bedding destroyed	....	....	....	....	....	11
Miscellaneous Articles destroyed	....	....	....	....	....	15

## COMMON LODGING HOUSES.

On Register	....	....	....	....	1
Number of persons for whom accommodation is provided :—Adults, 87 ; Children 4.					
Inspections	....	....	....	....	8

DISINFECTION OF VEHICLES ETC. AT THE  
CATTLE MARKET.

<i>Number Disinfected.</i>	<i>Fees Received.</i>		
	£	s.	d.
764	47	15	0

# **FACTORIES ACT, 1937.**

## **1. Inspections for purposes of provisions of health made by Sanitary Inspectors.**

Premises	No. on Register	Number of		
		Inspect-ions	Written Notices	Occupiers Prosecuted
(i) Factories in which Sections 1, 2, 3 and 6 are to be enforced by Local Authorities .....	217	45	11	—
(ii) Factories not included in (i) to which Section 7 applies :—				
(a) Subject to the Local Authorities (Transfer of Enforcement) Order 1938.....	130	21	5	—
(b) Others.....	—	—	—	—
(iii) Other Premises under the Act (excluding out-workers' premises) .....	—	—	—	—
<b>TOTAL .....</b>	<b>347</b>	<b>66</b>	<b>16</b>	<b>—</b>



## 2. Cases in which defects were found.

Particulars	No. of cases in which defects were found				No. of cases in which prosecutions were instituted
	Found	Remedied	Referred		
			To H.M. Insp'tor	By H.M. Insp'tor	
Want of cleanliness (Sect 1)	15	13	—	—	—
Overcrowding (Sect 2).....	—	—	—	—	—
Unreasonable temperature (Sect. 3) .....	—	—	—	—	—
Inadequate Ventilation (Sect. 4) .....	1	1	—	—	—
Ineffective Drainage of floors (Section 5).....	2	1	—	—	—
Sanitary Conveniences (Sect. 7) :—					
(a) Insufficient .....	3	2	1	—	—
(b) Unsuitable or Defective .....	17	16	—	2	—
(c) Not separate for sexes	1	1	—	—	—
Other offences (not including offences relating to Homework) .....	22	17	1	1	—
TOTAL .....	61	51	2	3	—

# OUTWORK. (Sections 110 and 111).

Nature of Work	SECTION 110.			SECTION 111.		
	No. of outworkers in August list required by Sect. 110.	No. of cases of default in sending in lists to the Council.	No. of prosecutions for failure to supply lists.	No. of instances of work in unwholesome premises.	Notices served.	Prosecutions
(1) Textile Workers ....	7	—	—	—	—	—
(3) Crochet and Trellis making	29	—	—	—	—	—
Boot and Shoe Workers ....	1	—	—	—	—	—
(7) File makers ....	11	—	—	—	—	—
(20) Bag Making ....	92	—	—	—	—	—
Total ....	140	—	—	—	—	—

## HOUSING STATISTICS.

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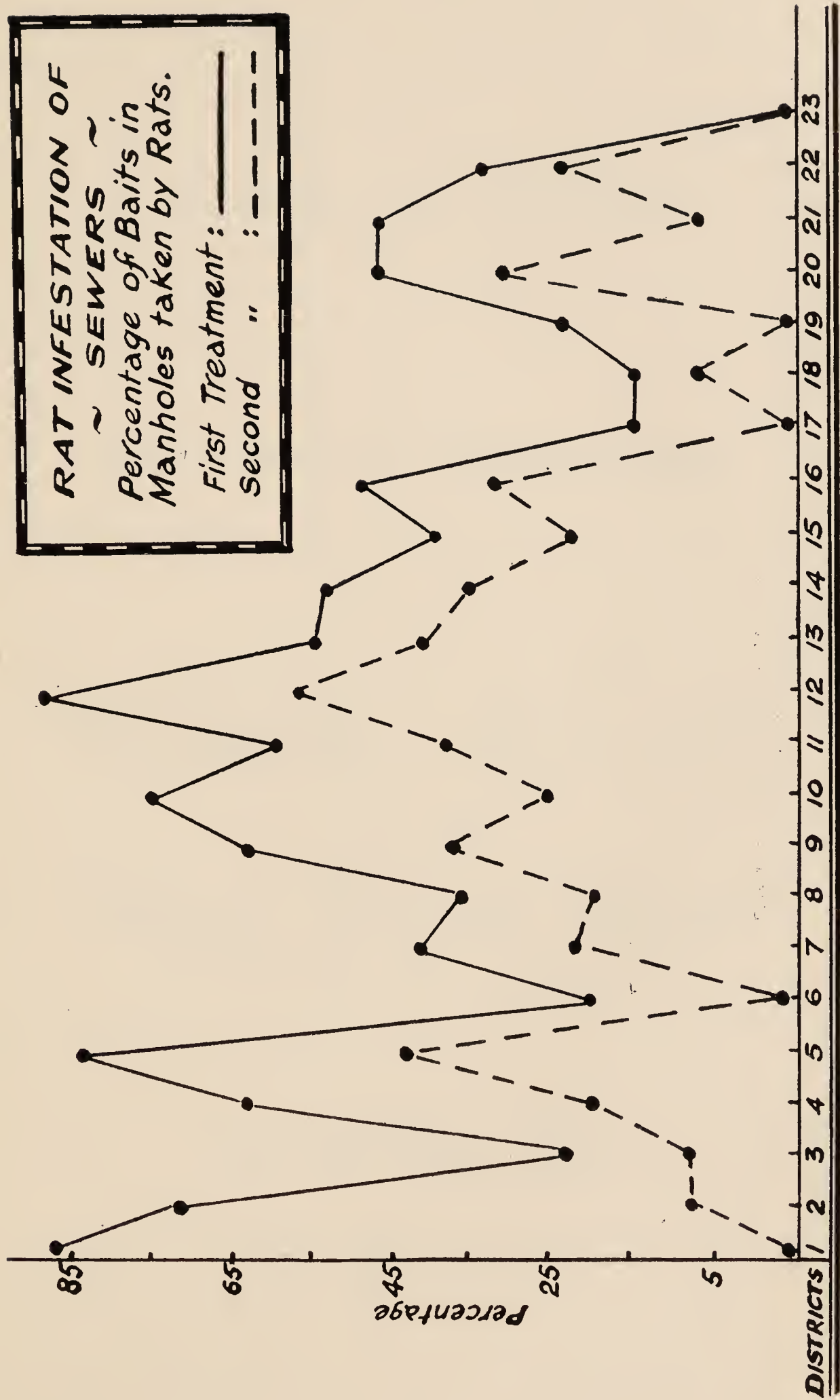
Houses inspected	....	....	....	....	....	1713
„ found to be defective	....	....	....	....	....	1605
„ rendered fit by informal action	....	....	....	....	....	1337
„ rendered fit by formal action	....	....	....	....	....	11

## HOUSING ACT 1936, SECTION 58.

## OVERCROWDING.

Houses overcrowded at end of 1946	....	....	....	....	42
No. of persons affected	....	....	....	....	315
<i>No. of new cases of Overcrowding in 1947 :—</i>					
No. of houses overcrowded	....	....	....	....	11
No. of persons affected	....	....	....	....	84½
<i>No. of cases of Overcrowding abated during 1947 :—</i>					
No. of houses	....	....	....	....	12
No. of persons affected	....	....	....	....	101
<i>No. of cases of Overcrowding not abated at end of 1947 :—</i>					
No. of houses	....	....	....	....	41
No. of persons affected	....	....	....	....	307







BOROUGH OF SWINDON.

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EDUCATION COMMITTEE.

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# ANNUAL REPORT

OF THE

## School Medical Officer

(THOMAS ROSS, M.B., Ch.B., D.P.H.)

For the Year 1947.



## BOROUGH OF SWINDON.

**EDUCATION COMMITTEE.**

Chairman—\*Councillor L. J. NEWMAN.

Vice-Chairman—\*Councillor R. G. CRIPPS.

**Members—**

\*THE MAYOR (Alderman G. H. SELMAN)

Alderman C. S. MACPHERSON	*Councillor W. R. ROBINS
*Alderman J. L. CALDERWOOD	Councillor C. E. TOMES
†Alderman A. M. BENNETT	*Councillor (Mrs.) L. A. GRIFFIN
Councillor L. C. MOBEY	*Councillor H. FIELD
Councillor H. W. PINNEGAR	Councillor P. KING
Councillor A. J. BOWN	*Councillor H. V. BOND
*Councillor H. W. GARDNER	*Councillor H. DIMENT
Mr. F. W. HAWKSWORTH	Miss F. H. SHALLCROFT
*Mr. H. WHITING	*Mr. J. A. ARNOLD FORSTER, O.B.E.
*Brig. K. M. F. HEDGES, C.B.E.	*Mr. F. M. TAYLOR
*Mr. W. J. DAVIS	

*Borough Education Officer—*

Mr. H. DIBDEN, M.A., B.Sc., Barrister-at-Law.

\*Members of the Child Care Sub-Committee.

†Chairman of the Child Care Sub-Committee.

*To the Chairman and Members of the Education Committee of the  
Borough of Swindon.*

LADIES AND GENTLEMEN,

I have pleasure in presenting a report of the School Medical work for the Borough of Swindon during the year 1947.

The form of the Report has been completely changed for the year under review, due to changes in the form of Returns made to the Minister of Health. In substance, the Report follows the Ministry Returns and the Tables referred to are those of the Ministry. On page 52 I have given information in connection with handicapped and sub-normal pupils.

However, the health of the school children on the whole remains satisfactory. It is gratifying to note that the nutritional standard remains high.

The number of cases operated upon for removal of tonsils and adenoids was the lowest since 1944. This low number was due to the long and protracted epidemic of Infantile Paralysis that swept the country this summer. You will remember that in the Borough we had 7 cases. The occurrence of these necessitated the cessation temporarily, of tonsillar and nasal operations.

It is perhaps interesting to record that there has been a considerable diminution in the number of cases of scabies seen among school children during the past year. This reduction was not unexpected as a reversion to normal living conditions as distinct from those of the abnormal war-time period tends to diminish the spread of this disease and hence the number of cases.

THOMAS ROSS,  
*Borough School Medical Officer.*

TABLE I.

## PRIMARY AND SECONDARY SCHOOLS.

## STATISTICAL TABLES

## Return of Medical Inspections, 1947.

## (A) PERIODIC MEDICAL INSPECTIONS :

Number of Inspections in the prescribed Groups :

Entrants	....	....	....	....	....	....	....	....	927
Second Age Group	....	....	....	....	....	....	....	....	—
Third Age Group	....	....	....	....	....	....	....	....	1418
Total	....	....	....	....	....	....	....	....	2345

Number of other Periodic Inspections :

Grand Total	....	....	....	....	....	....	....	....	2345
-------------	------	------	------	------	------	------	------	------	------

## (B) OTHER INSPECTIONS :

Number of Special Inspections	....	....	....	....	....	....	....	....	3401
Number of Re-Inspections	....	....	....	....	....	....	....	....	1921
Total	....	....	....	....	....	....	....	....	5322

## (C) PUPILS FOUND TO REQUIRE TREATMENT.

Number of Individual Pupils found at Periodic Medical Inspection to Require Treatment (excluding Dental Diseases and Infestation with Vermin).

<i>Group</i>	<i>For defective vision (excluding squint)</i>	<i>For any of the other conditions recorded in Table IIa</i>	<i>Total individual pupils</i>
(1)	(2)	(3)	(4)
Entrants	6	78	81
Second Age Group	—	—	—
Third Age Group	249	257	424
Total (prescribed groups)	255	335	505
Other periodic inspections	—	—	—
Grand Total	255	335	505



TABLE II.

A.—Return of Defects Found by Medical Inspection in the Year  
Ended, 31st December, 1947.

Defect Code No.	Defect or Desease	Periodic Inspections		Special Inspections	
		Number of Defects		Number of Defects	
		Requiring treatment	Requiring to be kept under observa- tion but not requiring treatment	Requiring treatment	Requiring to be kept under observa- tion but not requiring treatment
	(1)	(2)	(3)	(4)	(5)
4	Skin ....	14	3	1369	1
5	Eyes : <i>a</i> Vision ....	251	10	41	1
	<i>b</i> Squint ....	24	1	6	1
	<i>c</i> Other ....	5	7	286	4
6	Ears : <i>a</i> Hearing ....	16	3	22	2
	<i>b</i> Otitis Media	—	—	—	—
	<i>c</i> Other ....	7	1	266	3
7	Nose or Throat ....	67	65	414	10
8	Speech ....	5	2	3	—
9	Cervical Glands ....	3	4	57	5
10	Heart and Circu- lation ....	1	1	2	6
11	Lungs ....	—	1	—	3
12	Developmental—				
	<i>a</i> Hernia ....	1	—	—	—
	<i>b</i> Other ....	2	8	—	8
13	Orthopaedic :				
	<i>a</i> Posture ....	95	15	2	1
	<i>b</i> Flat foot ....	68	10	3	4
	<i>c</i> Other ....	25	9	8	5
14	Nervous system—				
	<i>a</i> Epilepsy ....	—	—	—	—
	<i>b</i> Other ....	1	2	2	7
15	Psychological—				
	<i>a</i> Development	—	—	3	1
	<i>b</i> Stability ....	—	—	—	—
16	Other ....	23	16	1087	197

**B.—Classification of the General Condition of Pupils inspected during the Year in the Age Groups. (See Note (b) on Table I.)**

Age Groups	No. of Pupils Ins- pected	A (Good)		B (Fair)		C (Poor)	
		No.	% of Col. 2	No.	% of Col. 2	No.	% of Col. 2
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Entrants ....	927	274	29.6	650	70.1	3	.3
Second Age Group ....	—	—	—	—	—	—	—
Third Age Group ....	1418	896	63.1	512	36.0	10	.9
Other Periodic Inspections	—	—	—	—	—	—	—
TOTALS ....	2345	1170	49.9	1162	49.6	13	.5

**Return of Handicapped Pupils in the Area.**

Category	At Special Schools	At Ordinary Schools	At Independ- ent Schools	At no School or Institute
Blind ....	2	—	—	—
Partially Blind ....	1	—	—	—
Deaf ....	3	—	—	—
Partially Deaf ....	—	—	—	—
Delicate ....	3	—	—	—
Diabetic ....	—	1	—	—
Multiple Disabilities ....	—	—	1	2
Physically Handicapped ....	—	3	—	3

**Educationally Sub-Normal Children.**

At Certified Schools	At Ordinary Schools	At Independ- ent Schools	At no School or Institute	Total
25	8	1	—	34

## INFESTATION WITH VERMIN.

(i)	Total number of examinations in the schools by the School Nurses or other authorized persons ....	15045
(ii)	Total number of individual pupils found to be infested	329
(iii)	Number of individual pupils in respect of whom cleansing notices were issued (Section 54(2), Education Act, 1944) ....	282
(iv)	Number of individual pupils in respect of whom cleansing orders were issued (Section 54(3), Education Act, 1944) ....	46

TABLE III.

## TREATMENT TABLES.

**Group I.—Minor Ailments** (excluding Uncleanliness, for which see Infestation with Vermin).

(a)	<i>Number of Defects treated, or under treatment during the year.</i>
SKIN :	
Ringworm—Scalp—	
(i) X-Ray treatment ....	3
(ii) Other treatment ....	—
Ringworm—Body ....	3
Scabies ....	15
Impetigo ....	104
Other skin diseases ....	1239
EYE DISEASE ....	265
(External and other, but excluding errors of refraction, squint, and cases admitted to hospital).	
EAR DEFECTS ....	126
(This figure does not include treatment for serious diseases of the ear).	
MISCELLANEOUS ....	1069
(e.g., minor injuries, bruises, sores, chilblains, etc.)	
TOTAL ....	2824
(b) Total number of attendances at Authority's minor ailments clinics ....	8879



**Group II.—Defective Vision and Squint** (excluding Eye Disease treated as Minor Ailments—Group I.)

	<i>No. of defects dealt with.</i>
ERRORS OF REFRACTION (including Squint) ....	523
Other defect or disease of the eyes (excluding those recorded in Group I) ....	72
Total ....	595
No. of Pupils for whom spectacles were (a) Prescribed	341
(b) Obtained ....	322

**Group III.—Treatment of Defects of Nose and Throat.**

	<i>Total No. treated.</i>
Received operative treatment—	
(a) for adenoids and chronic tonsillitis ....	40
(b) for other nose and throat conditions ....	9
Received other forms of treatment ....	107
Total ....	156

**Group IV.—Orthopaedic and Postural Defects.**

(a) No. treated as in-patients in hospitals or hospital schools ....	6
(b) No. treated otherwise, e.g., in clinics or out-patient departments ....	281

**Group V.—Child Guidance Treatment and Speech Therapy.**

No. of pupils treated (a) under Child Guidance arrangements	3
(b) under Speech Therapy arrangements	27

**Treatment of Defects of Nose, Throat and Ear at Special Clinic.**

Number of cases referred for treatment ....	331
Number of consultations ....	480
Number of Attendances at Clinic ....	629
Number for whom operation for tonsils and adenoids was advised ....	97
Number who received operation for tonsils and adenoids ....	40
Number of other operations performed ....	9
Number of cases cured ....	119
Number of cases remaining under observation or treatment	197
Number of cases for whom no report is available ....	15

**Treatment of Scabies at the Cleansing Station.**

Number of cases treated ....	89
Number of attendances ....	97

**School Accidents.**

Number of cases treated ....	277
Number of Attendances ....	520

## PRIMARY AND SECONDARY EDUCATION.

### Table IV.

## DENTAL INSPECTION AND TREATMENT.

[illegible]

## REPORT OF THE SCHOOL DENTAL SURGEON.

(W. KENYON BERRIE, L.D.S., R.F.P.S.(G.)).

*To the Chairman and Members of the Swindon Education Committee.*

LADIES AND GENTLEMEN,

I have pleasure in presenting a Report for the Dental Inspections and Treatment for the Year, 1947.

During the year, the work covered the Primary, Secondary and Grammar Schools; Day Commercial; Junior Building and Engineering sections; also a certain amount of work for the Maternity and Child Welfare Centre.

The work was somewhat restricted owing to the shortness of Staff, only two Dental Surgeons and two Dental Attendants, staffing the three clinics.

4,275 children were inspected in the Primary and Secondary Modern Schools.

2,131 were found to require treatment (50%).

2,637 teeth were extracted.

1,242 teeth were filled.

3 Partial Dentures were fitted, and 6 crowns completed.

Orthodontic appliances were made for 23 children.

6,469 Appointments were made and 5,990 were kept (92.44%).

In the Grammar Schools, 950 pupils were inspected and 497 referred (52.31%).

389 teeth were filled.

206 teeth were extracted.

Pupils attending from the Junior Building, Engineering and Day Commercial Classes numbered 41, making 122 attendances.

68 teeth were filled.

22 teeth were extracted.

The total number of cases referred from the Maternity and Child Welfare Centre was 271.

105 were Ante-natal or Post-natal patients.

20 dentures, and 4 repairs were completed.

307 teeth were extracted.

58 teeth were filled.

General Anaesthetics were administered to 1,195 patients.

Appended are the Statistical Tables.

I thank all the members of the Health Department and Teachers for their co-operation and help.

W. KENYON BERRIE,

*Senior Dental Officer.*



## DENTAL INSPECTION AND TREATMENT.

### Primary and Secondary Modern Education.

(1) Number of children inspected by the Dentists :—

(a) Routine age-groups :

Age	3	4	5	6	7	8	9	10	11	12	13	14	15
No.	41	185	487	521	580	553	462	444	278	285	288	148	1

TOTAL 4273

(b) Specials ..... 2

Total (Routine and Specials) ..... 4275

(2) Number found to require treatment ..... 2131

(3) Number actually treated ..... 1793

(4) Attendances made by children for treatment ... 5990

(5) Half-days devoted to—Inspection . .... 53  
   Treatment ..... 864

Total ..... 917

(6) Fillings—Permanent Teeth ..... 1228  
                                   Temporary Teeth ..... 14

Total ..... 1242

(7) Extractions—Permanent Teeth ..... 361  
                                   Temporary Teeth ..... 2276

Total ..... 2637

(8) Administration of general anaesthetics for extraction 996

(9) Other Operations—Permanent Teeth ..... 148  
                                   Temporary Teeth ..... 2070

Total ..... 2218

Scalings ..... 61  
           Regulation Appliances ..... 11



## DENTAL INSPECTION AND TREATMENT.

## Secondary Grammar Schools.

(1) Number of children inspected by the Dentists :—

(a) Routine age-groups :

Age	11	12	13	14	15	16	17	18	19
No.	43	95	183	215	197	136	51	24	6

TOTAL	....	950
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(b) Specials	.....	.....	.....	.....	.....	.....
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Total (Routine and Specials)	950
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(2) Number found to require treatment .....	497
---	-----

(3) Number actually treated	.....	.....	.....	.....	351
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(4) Attendances made by children for treatment ..... 622

(5) Half-days devoted to—Inspection	10
Treatment	81

Total	.. .	....	....	91
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(6) Fillings—Permanent Teeth	....	....	....	389
Temporary Teeth	....	....	....	—

Total	....	....	389
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(7) Extractions—Permanent Teeth	....	....	....	150
Temporary Teeth	....	....	....	56

Total	....	....	....	206
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(8) Administration of general anaesthetics for extraction 93

(9) Other Operations—Permanent Teeth	.....	.....	172
Temporary Teeth	.....	.....	5

Total	....	....	177
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Scalings	....	....	....	19
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SUMMARY OF RESULTS OF DENTAL INSPECTION AT THE SECONDARY GRAMMAR SCHOOLS, YEAR 1947.

Secondary School.	ENTRANTS		RE-INSPECTIONS		Total Number Inspected	Total Number referred for treatment	Number free from caries
	Number Inspected	Number referred for treatment	Number Inspected	Number referred for treatment			
The Commonweal ....	26	16	405	216	431	232	199
The Headlands ....	48	28	471	237	519	265	254
TOTALS ....	74	44	876	453	950	497	453

Percentage of	Entrants requiring treatment	....	....	....	59.4%
"	Children re-inspected requiring treatment	....	....	....	61.7%
"	" total number of children requiring treatment	....	....	....	52.31%

**FURTHER EDUCATION**  
**DENTAL INSPECTIONS AND TREATMENT.**

**Engineering and Building School,  
and Day Commercial School**

(1) Number of inspections made by the Dentists :—							
(a) Routine	....	....	....	....	....	....	153
(b) Specials	....	....	....	....	....	....	—
Total (Routine and Specials)							153
(2) Number found to require treatment	....	....	....	....	....	....	59
(3) Number actually treated	....	....	....	....	....	....	41
(4) Attendances made for treatment	....	....	....	....	....	....	122
(5) Half-days devoted to Inspection	....	....	....	....	....	....	2
(6) Fillings—Permanent teeth	....	....	....	....	....	....	68
Temporary teeth	....	....	....	....	....	....	—
Total							68
(7) Extractions—Permanent teeth	....	....	....	....	....	....	18
Temporary teeth	....	....	....	....	....	....	4
Total							22
(8) Administrations of general anaesthetics for extractions	....	....	....	....	....	....	14
(9) Other operations—Permanent teeth	....	....	....	....	....	....	11
Temporary teeth	....	....	....	....	....	....	14
Total							25
Scalings	....	....	....	....	....	....	1
Partial Dentures	....	....	....	....	....	....	1

